INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000866

					
	ATION OF SUBJECT MATTER H01L31/02				
According to International Patent Classification (IPC) or to both national classification and IPC					
	B. FIELDS SEARCHED				
Minimum docum Int . Cl ⁷	nentation searched (classification system followed by cla H01L31/00-31/02	issification symbols)			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005 Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMEN	VTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.		
X Y Y	JP 10-74962 A (Sharp Corp.), 17 March, 1998 (17.03.98), Fig. 1 Full text; all drawings (Family: none) JP 63-269579 A (Toshiba Corp 07 November, 1988 (07.11.88), Full text; all drawings (Family: none) JP 2000-252680 A (Sharp Corp 14 September, 2000 (14.09.00) Par. Nos. [0008], [0022] (Family: none)	.),	1,2 1-4 1-4		
× Further do	ocuments are listed in the continuation of Box C.	See patent family annex.	L		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family.			
27 April, 2005 (27.04.05)		17 May, 2005 (17.05	5.05)		
Name and mailing address of the ISA: Japanese Patent Office		Authorized officer			
Faesimile No.		Telephone No.			

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C (Continuation	DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 105917/1986(Laid-open No. 10573/1988) (NEC Corp.), 23 January, 1988 (23.01.88), Fig. 1(c) (Family: none)	1-4
Y	JP 6-97510 A (Toshiba Corp.), 08 April, 1994 (08.04.94), Figs. 1, 2 (Family: none)	1-4
У .	JP 8-107224 A (Sharp Corp.), 23 April, 1996 (23.04.96), Fig. 6 (Family: none)	1-4
Y	JP 2001-305394 A (Sony Corp.), 31 October, 2001 (31.10.01), Column 4, lines 20 to 27 (Family: none)	3
A	JP 2003-298074 A (Seiko Instruments Inc.), 17 October, 2003 (17.10.03), (Family: none)	1-4
A	JP 7-273356 A (New Japan Radio Co., Ltd.), 20 October, 1995 (20.10.95), (Family: none)	1-4
Ε, Α	JP 2005-51031 A (Rohm Co., Ltd.), 24 February, 2005 (24.02.05), (Family: none)	1-4